**Release and Sprint Plans**

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|  |  |
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Version:1

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Release Plan

# Release 1

Delivery date: 25th October 2017 Total Story Points:24

For the first release, a working prototype of the smart city system will be created. The system will enable users a way to log-in and create an account for use with the system. Smart City will provide information about the Brisbane city. Users will be able to view said information in a map feature and view less relevant information should they desire.

## Landing Page

Users can view the features of the system and sign on.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S05 | Welcome page | 1 |
| S01 | Log-in process | 1 |
| S02 | Registration process | 2 |
| S19 | Log-out process | 1 |
|  | Story Point Sub-Total: | 5 |

## Administrator Account

Admins can log-in and access the admin specific tools.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S06 | Admin account setup page | 2 |
| S09 | Data manipulation | 2 |
| S10 | Admin account creation | 1 |
|  | Story Point Sub-Total: | 5 |

## User Account

Users can select their account type and view map features

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S12 | Account information | 2 |
| S15 | Tourist account | 1 |
| S16 | Student account | 1 |
| S17 | Business account | 1 |
|  | Story Point Sub-Total: | 5 |

## System Features

The system will provide the users with relevant information

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S11 | Segmented data | 1 |
| S14 | Map updates | 4 |
| S18 | System Scalability | 2 |
| S13 | Map data | 2 |
|  | Story Point Sub-Total: | 9 |

# Release 2

Delivery date: To be announced Total Story Points:36

Provide users with advanced functionality for finding and reviewing locations. The system will also allow users to search for destinations outside of Brisbane including Sydney, Melbourne, Adelaide, etc. Alongside these new functions the system will also expand so that additional city information can be inserted such as bus services and health services.

## User Enhancements

Provide users of the system with additional services and tools so that information can be tailored more accurately and accounts can be secured.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S03 | Viewing additional information | 8 |
| S07 | Account security | 2 |
| S08 | Account recovery | 2 |
|  | Story Point Sub-Total: | 12 |

## Location Services

This will provide users with more accurate information regarding locations.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S22 | Search function | 4 |
| S28 | Rating review system | 4 |
| S30 | Live weather updates | 8 |
|  | Story Point Sub-Total: | 16 |

## Communication Features

Users will be able have contact with support services and be able to integrate the service with their social media

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S24 | Contact Us Page | 2 |
| S25 | FAQ page | 1 |
| S26 | Social Media Integration | 1 |
| S29 | Online Forum | 4 |
|  | Story Point Sub-Total: | 8 |

# Release 3

Delivery date: To be announced Total Story Points:16

Mobile functionally will be introduced to further support the system to increase functionality. To enhance the service an ability to change the language will be incorporated.

## Language Change

Users will be able to change the language into their preferred language.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S23 | Language Change | 8 |
|  | Story Point Sub-Total: | 8 |

## Mobile Compatibility

To increase accessibility the service shall support a mobile compatible version.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S27 | Mobile-ready Version | 8 |
|  | Story Point Sub-Total: | 8 |

# Delivery Schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 |
| Sprint 1 | | | | Sprint 2 | | | |
| Release 1 | | | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 |  | Week 15 |  |  |  |  |  |
| Sprint 3 | | | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity: 50

Sprint Plan

# Sprint 1

Total Story Points: 6 Total Hours: 56

## Current Velocity*: 50*

## Story 05: Welcome Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create a main page which introduces site services | 3 |  |
| T02 | Write test cases | 1 |  |
| T02 | Provide ability to create new user accounts (student, tourist, businessman) | 2 |  |
| T03 | Create account registration link | 1 |  |
| T04 | Write code to log in | 1 |  |
| T05 | Write code to log out | 1 |  |
| T06 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 10 |  |

## Story 06: Admin Account Setup Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T07 | Create unique webpage for admin | 5 |  |
| T0 | Write test cases | 1 |  |
| T08 | Edit permissions so that only accessible to “Admin” user types | 5 |  |
| T09 | Create administrator tools | 6 |  |
| T10 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 18 |  |

## Story 12: Account Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T11 | Display park, zoo, museum, restaurant and mall data to all accounts | 3 |  |
| T | Write test cases | 1 |  |
| T12 | Create separate data tables for each data set | 2 |  |
| T13 | Exclude specific user account information from being displayed on certain accounts (e.g. tourist can’t look at student data) | 3 |  |
| T14 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 Total Hours: | 10 |  |

## Story 13: Map Data

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T15 | Create map webpage | 5 |  |
| T | Write test cases | 1 |  |
| T16 | Implement Google Maps API | 4 |  |
| T17 | Create data points for each location within the city | 4 |  |
| T18 | Set permission to edit map data to “admin” account types only | 3 |  |
| T19 | Verify story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 18 |  |